

Soldier Eye Protection Authorized Options

While body armor has increased Soldier survivability on the battlefield, lessons learned from recent conflicts have taught us we can expect 10 percent of injured Soldiers to have eye injuries. Therefore, ballistic eye protection must be provided to Soldiers. It is imperative that leaders ensure that Soldiers wear their protective eyewear whenever engaging in field tactical operations, training, or other situations where there is risk of eye injury.

The eyewear listed below provides ballistic, ultraviolet, and laser eye protection. However, **this eyewear is not approved for flight operations**. Replacement eyewear may be obtained by submitting funded requisitions through normal supply channels to the Defense Supply Center Philadelphia (DSCP) (RIC S9T). Refer to FEDLOG for pricing information.

Ballistic Laser Protective Spectacles (BLPS) can be worn by all Soldiers (prescription lens capability available) for field tactical operations, training, or situations where there is risk of eye injury. However, Soldiers who do require optical correction must wear this eyewear with its associated prescription lens carrier (PLC).

The PLC is exactly the same as the M-40 protective mask insert. Soldiers should maintain a separate PLC for their protective mask and their BLPS. It is imperative that Soldiers confirm a proper fit of their BLPS with their prescriptions in place before actual use.

Proper fit can be verified by unit medics or the local optometry clinic. Each of the BLPS will have its own retainer strap and hardened plastic case. BLPS are available only in one size. BLPS National Stock Number (NSN) information follows:

BLPS, clear	8465-01-416-4636
BLPS, gray (sunglass)	8465-01-417-4004
BLPS, 2WL laser protective	8465-01-416-3207
BLPS, 3WL laser protective	8465-01-416-3210
Carrying Case	8465-01-417-9963
Retainer Strap	8465-01-416-4637
PLC	6540-01-264-1348

Special Protective Eyewear Cylindrical System (SPECS) are only for Soldiers who do not require prescription lenses for duty. The SPECS kit is a sized item, available in sizes regular and large. It is estimated that 70 percent of the users of the specs will require regular and 30 percent will require large. The specs kit is configured with lenses that provide ballistic protection only (laser-protective lenses must be requisitioned separately). The kit contains one clear lens, one pop-in gray (sunglass) lens, a retaining strap, and a hardened plastic case. SPECS NSN information follows:

SPECS, kit regular	8465-01-416-4626
SPECS, kit large	8465-01-416-4629
SPECS, 2WL laser protective, regular	8465-01-416-4634
SPECS, 2WL laser protective, large	8465-01-416-4632
SPECS, 3WL laser protective, regular	8465-01-416-4635
SPECS, 3WL laser protective, large	8465-01-416-8516
SPECS, clear-ballistic lens, regular	8465-01-416-4628

SPECS, clear-ballistic lens, large	8465-01-416-4631
SPECS, gray-ballistic lens, regular	8465-01-416-4630
SPECS, gray-ballistic lens, large	8465-01-416-4633
Carrying case	8465-01-416-4627
Retainer strap	8465-01-416-4637

Sun, Wind, and Dust Goggles (SWDG) are for Soldiers who have duty in sandy, windy or dusty environments. Soldiers who require prescription lenses must wear the SWDG over their eyeglasses. The SWDG comes in a kit, which includes one type-3 clear-ballistic lens (installed in the goggle frame), one type-4 gray-ballistic lens (sunglass), and one carrying case. A type-5 2WL laser-ballistic lens (green in color) and a type-6 3WL laser ballistic lens (brown in color) are also available. The SWDG are one size fits all. SWDG NSN information follows:

SWDG kit (clear and gray lenses)	8465-01-328-8268
SWDG type 3 replacement lens, clear	8465-01-109-3997
SWDG type 4 replacement lens, gray	8465-01-109-3996
SWDG type 5 lens, laser goggle 2WL	8465-01-439-3506
SWDG type 6 lens, laser goggle 3WL	8465-01-439-3511

Authorized commercial eyewear alternatives may better meet the needs of units with diverse mission requirements. Army units are authorized to requisition and use the commercial eyewear listed below as alternatives to the standard type classified eyewear.

This eyewear will provide ballistic and UV protection, *but does not provide laser protection and is not authorized for Army missions and training scenarios that require laser eye protection.*

Additionally, this eyewear is not approved for flight operations.

This eyewear may be obtained by submitting funded requisitions through normal supply channels to the DSCP Directorate of General and Industrial RIC S9I. Refer to FEDLOG for pricing information.

Wiley X SG-1 spectacles are only for Soldiers who do not require prescription lenses for duty. These spectacles are a dual lens eyewear system that uses a foam seal around each eye socket to prevent infiltration of wind and dust. The lenses provide ballistic fragment protection (clear and sunglass). "Ultra-foam" seals the eye orbits. The temples disengage with a push of a button and can be replaced with a snap-loaded elastic headband. One size fits all. NSN information follows:

Wiley-X SG-1 spectacle kit	4240-01-504-0994
Clear-ballistic replacement lens	4240-01-504-5326
Green smoke-ballistic (sunglass) replacement lens	4240-01-504-5312
Elastic strap replacement	4240-01-504-5754
Replacement frame (includes temples and strap)	4240-01-504-6524
Replacement temples	4240-01-504-6474
Carrying case	4240-01-504-5797

Wiley X PT-1 spectacles are only for Soldiers who do not require prescription lenses for duty. The Wiley X PT-1 lenses have scratch resistant coating and can be interchanged based on time of day and environment. The frame provides a 90-degree wrap-back, eliminating tunnel vision. The clear, non-slip rubber nosepiece is adjustable. The neoprene rubber, temple tips grip the head and hold the frame firmly balanced. One size fits all. Wiley X PT-1 NSN information follows:

Wiley X PT-1 spectacle kit	4240-01-510-7853
Single lens system, clear	4240-01-510-7848
Single lens system, smoke green	4240-01-510-7847
Clear replacement lenses	4240-01-528-5900
Smoke replacement lenses	4240-01-528-5901
Replacement hard case	4240-01-528-5902

UVEX XC spectacles can be worn by all Soldiers for field tactical operations, training, or situations where there is risk of eye injury. Soldiers who require prescription lenses must wear the UVEX XC with its associated PLC. The PLC should be ordered through the optical fabrication lab or post clinic. These spectacles consist of a lightweight, rigid, thermoplastic frame combined with a soft material on the temple to provide comfort at contact points with the face. The frame features a ratchet lens adjustment to complete the fitting system and provide extended wear comfort. One size fits all. UVEX XC NSN information follows:

UVEX XC spectacle kit	4240-01-516-5361
Spectacle clear assembly	4240-01-516-3460
Spectacle gray assembly	4240-01-516-3452
Clear replacement lens	4240-01-516-3469
Gray replacement lens	4240-01-516-3473
Replacement carrying case	4240-01-516-3444
*PLC	6540-01-516-5342

Oakley SI Military M Frame is only for Soldiers who do not require prescription lenses for duty. Commercial Oakley SI M Frame models do not meet ballistic fragmentation requirements. This eyewear is lightweight in design. The three-point fit design minimizes the need for adjustment and improves comfort. One size fits all. Oakley SI M frame NSN information follows:

Oakley SI Military M Frame kit (military ballistic frame)	4240-01-525-3095
Strike clear replacement lens	4240-01-525-7555
Strike gray replacement lens	4240-01-525-7554
Replacement storage case	4240-01-525-7561
Micro bags	4240-01-525-3109

Eye Safety Systems (ESS) Interchangeable Component Eyeshield (ICE) 2 spectacles can be worn by all Soldiers for field tactical operations, training, or situations where there is risk of eye injury. However, Soldiers who require prescription lenses must wear this eyewear with its associated PLC. The PLC should be ordered through the optical fabrication lab or post clinic.

This eyewear is a lightweight eye protection system that offers high-ballistic impact resistance, unrestricted field of view, and interchangeable lenses for effective eye protection in any light condition. The eyewear has adjustable temples that can be made longer or shorter and malleable ear bends that custom fit to any user. One size fits all. ESS ICE 2 NSN information follows:

ESS ICE 2 kit	4240-01-525-5085
Clear replacement lens	4240-01-525-4819
Smoke gray replacement lens	4240-01-525-5098
Replacement frame	4240-01-525-5095
Replacement carrying pouch	4240-01-518-9838
Replacement fog repellent cloth	4240-01-525-5107
Replacement snap-on neck leash	4240-01-525-4777
PLC	6540-01-525-4784

Body SPECS Pistol spectacles can be worn by all Soldiers for field tactical operations, training, or situations where there is risk of eye injury. However, Soldiers who require prescription lenses must wear this eyewear with its associated PLC. The PLC should be ordered through the optical fabrication lab or post clinic. The eyewear is a single-shield (lens) spectacle that accommodates interchangeable lenses. The lenses have anti-fog and scratch resistant coatings. The eyewear has a streamlined design and fits the face closely and tightly. One size fits all; however, the nosepiece is adjustable to provide some degree of custom fit. Body Specs Pistol NSN information follows:

Body Specs Pistol kit	4240-01-526-9637
Clear replacement lens	4240-01-526-9642
Neutral slate replacement lens	4240-01-526-9645
Replacement frame (includes temples & strap)	4240-01-526-9653
Replacement elastic strap	4240-01-526-9656
Replacement nose piece	4240-01-526-9714
Replacement case	4240-01-526-9663
PLC	6540-01-531-3810

Revision Sawfly USA Military Eyewear System spectacles can be worn by all Soldiers for field tactical operations, training, or situations where there is risk of eye injury. However, Soldiers who require prescription lenses must wear this eyewear with its associated PLC. The PLC should be ordered through the optical fabrication lab or post clinic. The Revision Sawfly is a single-shield (lens) system that provides extensive field of view and maximum air ventilation. The eyewear fits the face closely and comfortably. It allows for easy shield interchangeability of lenses, has adjustable arms and retention strap to ensure proper and secure fit and allows maximum field of view. The Revision Sawfly comes in regular and large sizes. Revision Sawfly NSN information follows:

Revision Sawfly USA military kit, regular	4240-01-527-4051
Revision Sawfly USA military kit, large	4240-01-527-4018
Clear replacement shield with nosepiece, regular	4240-01-527-4052
Clear replacement shield with nosepiece, large	4240-01-527-4061

Solar replacement shield with nosepiece, regular	4240-01-527-4053
Solar replacement shield with nosepiece, large	4240-01-527-4063
Retention head strap replacement	4240-01-527-4067
Anti-fog, anti-static lens cleaning spray	4240-01-527-4068
PLC	6540-01-527-4056

ESS Land Operations Goggles can be worn by all Soldiers for field tactical operations, training, or situations where there is risk of eye injury. Soldiers who require prescription lenses must wear these goggles over their eyeglasses. The ESS Land Operations Goggles consist of an injection molded rubber frame with polyurethane foam backing with a foam skin that contacts the face. The rubber frame holds the lens while the foam interface provides a seal between the face and goggle frame. Foam covered vent holes allow some ventilation, while keeping dust out. The clear and sunglass lenses are a single piece, simple curve, injection molded high-impact polycarbonate design with anti-scratch and anti-fog coatings. An anti-reflective sleeve is included to reduce glint when the goggles are not in use. One size fits all. ESS Land Operations Goggles NSN information follows:

ESS Land Operations Goggles kit, foliage green	4240-01-540-5576
ESS Land Operations Goggles kit, desert tan	4240-01-540-5580
Clear-ballistic replacement lens	4210-01-492-5722
Smoke gray-ballistic replacement lens	4210-01-492-5725

ESS Vehicle Operations Goggles can be worn by all Soldiers for field tactical operations, training, or situations where there is risk of eye injury. Soldiers who require prescription lenses must wear this eyewear over their eyeglasses. This eyewear is designed for Soldiers exposed to harsh environments while operating vehicles. The high-density, restricted perimeter filtration provides a barrier against airborne debris while traveling at high speeds. The goggles have a fully ventilated frame with buffered airflow for fog resistance and high filtration of airborne particles. A skinned face padding provides durability. The eyewear comes with an adjustable strap system. One size fits all. ESS Vehicle Operations Goggles NSN information follows:

ESS Vehicle Operations Goggles Kit	4240-01-525-5101
Clear-ballistic replacement lens	4210-01-492-5722
Smoke gray-ballistic replacement lens	4210-01-492-5725

ESS Low-Profile NVG Goggles can be worn by all Soldiers for field tactical operations, training, or situations where there is risk of eye injury. However, Soldiers who require prescription lenses must wear this eyewear with its associated PLC. The goggles consist of an injection molded rubber frame with polyurethane foam backing with a foam skin that contacts the face. The rubber frame holds the lens. Foam covered vent holes allow ventilation while keeping dust out. The clear and sunglass lenses are a single piece, simple curve, injection molded high-impact polycarbonate design with anti-scratch and anti-fog coatings. An anti-reflective sleeve is included to reduce glint when the goggle is not in use. One size fits all. ESS Low Profile NVG Goggles NSN information follows:

ESS Profile NVG goggles kit, black	4240-01-504-6222
ESS Profile NVG goggles kit, foliage green	4240-01-540-5585
ESS Profile NVG goggles kit, desert tan	4240-01-504-5727
Clear-ballistic replacement lenses	4240-01-504-5641
Smoke gray-ballistic replacement lenses	4240-01-504-6143
PLC	6540-01-525-4784

Arena Flakjak Goggles Kit is only for Soldiers who don't require prescription lenses for duty. The kit comes with a clear lens, spare sun lens, standard carrying case, retention strap, and cleaning cloth. One size fits all. Arena Flakjak Goggles NSN information follows:

Arena Flakjak goggles kit	4240-01-527-4076
Clear-ballistic replacement lens	4240-01-527-4079
Smoke gray-ballistic replacement lens	4240-01-527-4082
Pouch with one lens cloth	4240-01-527-4078
Strap	4240-01-527-4085

For Soldiers who require prescription spectacles, the UVEX XC spectacles with PLC; ESS Ice 2 Spectacles with PLC; Revision Sawfly with PLC; and Body Specs Pistol with PLC are authorized for use as alternatives to BLPS. For Soldiers who require prescription lenses for goggle applications, the ESS Land Operations; ESS Vehicle Operations; and ESS Low Profile NVG goggle are alternatives to the SWDG. Use of any prescriptive lens or lens carrier that is not authorized may result in serious injury.

Only clear, gray sunglass, and the SPECS, BLPS, and SWDG laser-protective lenses are authorized. Other lens tints, including yellow, orange, rose, and others known as "blue blockers", are not authorized by this office because they adversely impact and degrade color recognition and therefore overall mission performance. We recommend Soldiers refrain from using and should not accept manufacturers' claims alleging performance enhancements due to their product, unless/until the claims can be independently verified by this office and Army Medical Command.

Points of contact (POCs) for this information are:

Optometry Consultant: *(out of office until AUG 06)*
Office of the Surgeon General
Department of the Army
DASG-HS-O (COL Glenesk)
5109 Leesburg Pike, Ste. 684
Falls Church, VA 22041-3258
(703) 681-3152 email: neil.glenesk@us.army.mil

Assistant Product Manager for Eyewear
Product Manager - Clothing and Individual Equipment
Attn: SFAE-SDR-CIE
10170 Beach Road, Building 325T

Fort Belvoir, VA 22060-5800
(703) 704-3826, FAX: (703) 704-3837
email: sarah.morganclyborne@us.army.mil

Logistics Manager:

Project Manager Soldier Equipment Philadelphia
700 Robbins Ave., P.O. Box 57997
Philadelphia, PA 19111-5092
COM: (215) 737-2510 DSN: 444-2510
email: myron.pross@us.army.mil

POCs for ordering:

- Standard ordering procedures (funded requisitions) can be used for the standard type classified eyewear and authorized commercial eyewear.
- Contact the following POC to order authorized commercial eyewear alternatives using DLA Prime Vendor Program:

Ralph Lund, Contracting officer
Commander, Defense Supply Center Philadelphia (SCO500)
700 Robbins Ave.
Philadelphia, PA 19111-5092
COM: (215) 737-4154 DSN: 444-4154
Fax: (215) 737-4036,
email: ralph.lund@dla.mil

- Procurement center/unit may also MIPR funds to DSCP Prime Vendor Program to obtain items by part number and NSN.
 - We encourage units making large quantity purchases to request better pricing than the prices listed in FEDLOG.
 - All NSNs can be ordered via e-mail. Customers can go into the e-mail link <https://email.prod.dodonline.net> or call the central call center at 1-877-352-2255, option 3, then 3 again. The customer can speak to a person by using options 3, then 1 (instead of the second 3). Both options are available to take orders 24 hours a day. Registration is required for the web, but it is easy and available on-line (customer service/account/create new account) on the lower left hand side of the home page.
- Technical Buying POC

Steve D'agostino
DSCP-QCAB
700 Robbins Ave.

Defense Supply Center Philadelphia
Philadelphia, PA 19111-5092
COM: (215) 737-2745
email: steve.dagostino@dla.mil